EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1646	(403/135,138,141,143).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2011/01/11 11:49
S1	5061	ball adj joint same housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 08:47
S2	24	ball adj joint same housing same close same open adj end	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 14:21
S3	43	ball adj joint same housing same lower adj bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:23
S4	4	(("5564853") or ("5997208") or ("3220755")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/19 15:28
S5	1781	((403/135) or (403/122) or (403/132) or (403/134) or (403/138)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/06 10:41
S6	583	S5 and housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:29
S7	455	S6 and bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:30
S8	21	S6 and metal adj bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:34
S9	20	S8 and ball	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:31
S10	4	S9 and upper adj bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:32

S11	0	S10 and cover adj plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:31
S12	2	S10 and cover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:31
S13	326	S5 and shoulder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:37
S14	571	S5 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:37
S15	46	S14 and upper adj bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:43
S16	52	S5 and dust adj cover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:46
S17	1027800	S5 and belleville ad washer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:46
S18	8	S5 and belleville adj washer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/19 15:47
S19	1	("6142713").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/19 17:11
S20	1	("5997208").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/22 08:48
S21	1	("5564853").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/22 10:09
S22	169	stud adj ball same spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 09:03
S23	88	S22 and housing same bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 09:03

S24	36	stud adj ball same spring same metal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 10:59
S25	24	S24 and housing same bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 09:04
S26	0	S25 and annular adj cover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 09:04
S27	72	stud adj ball same method	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 10:50
S28	7	S24 and bearing same split	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 10:51
S29	1	S24 and split adj bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 10:58
S30	0	S25 and split adj bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 10:58
S31	2	stud adj ball same split adj bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 10:59
S32	4	joint adj ball same split adj bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/22 10:59
S33	1	("3951557").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/23 09:38
S34	17	("3004786" | "3128110" | "3168339" | "3272541" | "3290074").PN. OR ("3951557").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/23 10:43
S35	0	("studadjballsamelubricat $3adjportsameshoulder").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/23 10:44
S36	12	stud adj ball same lubricat$3 same shoulder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 10:48

S37	0	stud adj ball same lubricat$3 same shoulder same dust adj cover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 10:46
S38	0	stud adj ball same lubricat$3 same shoulder and dust adj cover	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 10:46
S39	0	stud adj ball same lubrication adj port and shoulder and dust adj port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 10:49
S40	0	stud adj ball same lubrication adj port and shoulder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 10:49
S41	0	stud adj ball same lubrication adj port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 10:49
S42	4	stud adj ball and lubrication adj port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 10:52
S43	168	housing and lubrication adj port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 10:52
S44	76	housing same lubrication adj port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 10:53
S45	1	S44 and joint adj assembly	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 10:53
S46	16	S44 and joint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 10:53
S47	118	housing same lubricat$3 adj port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 10:55

S48	6	S47 and ball adj stud	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/23 10:54
S49	1	("5997208").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/23 15:22
S50	1785	((403/135) or (403/122) or (403/132) or (403/134) or (403/138)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/06 10:41
S51	0	("1andlubricationadjport").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/06 10:41
S52	1	S50 and lubrication adj port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/06 11:05
S53	197	S50 and lubrication	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/06 11:03
S54	10	S50 and lubrication same port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/06 11:04
S55	2	S50 and lubricat$3 adj port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/06 17:44
S56	4	"6186693"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/06 17:44
S57	1	("6186693").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/06 17:45
S58	1	("6746173").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/06 17:47
S59	1	("6298570").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/06 17:47
S60	12	("2846251" | "3245706" | "3561800" | "3790195" | "3945737" | "4154544" | "5509749" | "5597258" | "6099192" | "6505989").PN. OR ("6676325").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/01 09:01
S61	1657489	stud adj housing same lower bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 14:34
S62	2	stud adj housing same lower adj bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 14:35

S63	633	joint same metal adj housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 14:35
S64	7	S63 and lower adj bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 14:37
S65	231	S63 and bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 14:39
S66	19	S63 and bearing same split	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 14:41
S67	2	S63 and bearing same slit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 14:44
S68	1804	((403/135) or (403/122) or (403/132) or (403/134) or (403/138)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/02 16:06
S69	0	oliveira same orlvaldo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 16:07
S70	4112	oliveira	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 16:07
S71	9	oliveira and ball adj joint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 16:07
S72	8100	bearing same split	USPAT	OR	OFF	2006/07/05 09:38
S73	359	joint same bearing same split	USPAT	OR	OFF	2006/07/05 09:38
S74	2	joint same metal adj bearing same split	USPAT	OR	OFF	2006/07/05 09:49
S75	8	("2424455" | "3342513" | "4016950" | "4768895").PN. OR ("5112153").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 09:44
S76	3	joint same metal adj bearing same slot	USPAT	OR	OFF	2006/07/05 09:49
S77	566	((403/7) or (403/77) or (403/69)).CCLS.	USPAT; USOCR	OR	OFF	2006/07/05 09:49

S78	24	("1923232" | "2182601" | "2855665" | "3128109" | "3128110" | "3220755" | "3272541" | "3498579").PN. OR ("4059361").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 10:12
S79	4	S77 and metal adj bearing	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 10:24
S80	1	("5772337").PN.	USPAT; USOCR	OR	OFF	2006/07/05 10:24
S81	1	("5635906").PN.	USPAT; USOCR	OR	OFF	2006/07/05 10:25
S82	2	("2635906").PN.	USPAT; USOCR	OR	OFF	2006/07/05 10:42
S63	34	metal adj bearing same split	USPAT	OR	OFF	2006/07/05 11:12
S84	2	("2635906").PN.	USPAT; USOCR	OR	OFF	2006/07/05 11:25
S85	1	("5997208").PN.	USPAT; USOCR	OR	OFF	2006/07/05 12:49
S86	1	("5112153").PN.	USPAT; USOCR	OR	OFF	2006/07/05 12:49
S87	1	("5112153").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/11 18:10
S88	3	(("5112153") or ("2635906")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/11 18:10
S89	3	(("5112153") or ("2635906")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/18 10:44
S90	1247	(403/141-144).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/19 11:49
S91	7	("4003667" | "4076344" | "5435652" | "5816731" | "5964325" | "6250840" | "6371682").PN. OR ("6742955").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 11:32
S92	47	("0088863" | "1044468" | "1199048" | "1824271" | "1872099" | "2003539" | "2115629" | "2396151" | "2537552" | "2779603" | "2883131" | "2993717" | "3128110" | "3337246" | "3890052" | "3950006" | "4129394" | "4995755" | "5011320" | "5085520" | "5116159" | "5149067" | "5154530" | "5159742" | "5205666" | "5435652").PN. OR ("5816731").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 11:37
S93	322	S90 and spring	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 11:37
S94	15	("2900196" | "3934688" | "4372621" | "4427310" | "4662772" | "5267805" | "5326322" | "5509749" | "6010272" | "6505990" | "6530711" | "6783136" | "6814521" | "6866441").PN. OR ("7144182").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 11:42
S95	4	S90 and metal adj bearing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 11:50

S96	123	S90 and metal	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 11:50
S97	43	S90 and metal same bearing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 11:50
S98	345	jordan same james	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 12:00
S99	345	jordan same james	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 12:00
S100	15	("2900196" | "3934688" | "4372621" | "4427310" | "4662772" | "5267805" | "5326322" | "5509749" | "6010272" | "6505990" | "6530711" | "6783136" | "6814521" | "6866441").PN. OR ("7144182").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 12:08
S101	4	(("4076944") or ("3259408") or ("3951557")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/19 12:51
S102	174	ball adj joint same lubrication	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 13:39
S103	80	ball adj joint same lubrication same bearing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 13:24
S104	3	ball adj joint same lubrication same upper same lower adj bearing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/19 12:52
S105	1	("5997208").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/19 13:26
S106	2	("2635906").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/19 13:26
S107	1	("5564853").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/19 13:39
S108	3	(("3951557") or ("2635906")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/04/20 16:38
S109	20476	lower adj bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 16:54
S110	18643	upper adj bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 16:55

S111	10829	S109 and S110	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 16:54
S112	642	upper adj bearing same split	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 16:55
S113	402	S109 and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 17:05
S114	38	S113 and cover adj plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 16:56
S115	22	S114 and lubrica$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 16:57
S116	88	S113 and joint	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 16:57
S117	1126	ball adj joint and lubrication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 17:17
S118	6	(("4511277") or ("4537524") or ("0457789") or ("5395176") or ("5630672")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/04/20 17:19
S119	13	(("4511277") or ("4372621") or ("5326178") or ("5961219") or ("2931477") or ("3226141") or ("6164829") or ("4591276") or ("2900196")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/04/20 17:21
S120	8181	ball adj socket same spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 17:28

S123	9	metal adj lower adj bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 13:28
S124	8110	metal adj bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 12:58
S125	2233	metal same lower adj bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 12:59
S126	53	S125 and ball adj joint	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 14:38
S127	395	S125 and socket	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 13:14
S128	189	S125 and socket same spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 13:23
S129	402	S125 and housing same spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 13:23
S130	56	ball adj joint same metal adj bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 13:29
S131	8110	metal adj bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 14:38
S132	102	S131 and ball adj joint	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 14:54

S133	3	("2553743").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/04/23 15:03
S134	1	("5772337").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/04/23 15:03
S135	2	("2635906").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/04/23 15:42
S136	1	("5997208").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/04/23 15:42
S137	5	(("5772337") or ("2507087") or ("2635906")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/07 18:58
S138	1	("4690382").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/08 12:19
S139	2	("0359520").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/08 12:31
S140	1	("5887834").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/08 12:32
S141	4	(("2635906") or ("3128110")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/09 12:26
S142	661	((384/206) or (384/208) or (384/209) or (384/210)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/09 12:30
S143	64	S142 and split	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 12:44
S144	1	("5772337").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/09 12:44
S145	0	seller same roger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/20 17:45
S146	13	sellers same roger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/20 17:45
S147	2	("2635906").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/22 08:46
S148	0	("bearingsamechamfered").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/22 08:46

S149	5966	bearing same chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 08:47
S150	19	ball adj joint same bearing same chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 08:55
S151	15	socket adj joint same bearing same chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 08:57
S152	426	joint same bearing same chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 09:05
S153	1	("5772337").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/22 09:09
S154	582	cover adj plate same chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 09:09
S155	0	ball adj joint same cover adj plate same chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 09:09
S156	39	joint same cover adj plate same chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 10:28
S157	1	("6823635").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/22 11:57
S158	1	("6536178").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/22 11:58
S159	1	("5564853").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/22 16:50

S160	210177	cover adj plate chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 16:51
S161	69079	ball adj joint same cover adj plate chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 16:51
S162	0	ball adj joint same cover adj plate same chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 16:51
S163	5	ball adj joint and cover adj plate same chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 16:54
S164	94	joint and cover adj plate same chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 17:00
S165	582	cover adj plate same chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 16:56
S166	1	("5564853").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/22 17:08
S167	2	("2635906").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/22 17:10
S168	124	chamfered adj inner adj surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 17:14
S169	0	ball adj joint same chamfered adj inner adj surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 17:11

S170	10	joint same chamfered adj inner adj surface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 17:11
S171	2488	socket same chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 17:14
S172	44	socket adj joint same chamfered	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/22 17:14
S173	1	("5116159").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/08/22 17:44
S174	4	(("2635906") or ("3128110")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/02/05 09:39
S175	4	(("2635906") or ("3128110")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/02/05 09:53
S176	4	(("2635906") or ("3128110")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/06/10 14:36
S177	1	("5116159").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/06/10 15:34
S178	1	("5564853").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/24 09:15
S179	8610	metal adj bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 09:18
S180	108	S179 and ball adj joint	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 09:19
S181	267746	donald gaines	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 09:31

S182	57	donald same gaines	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/24 09:31
S183	1	("5564853").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/03/24 09:47
S184	108	ball adj joint and metal adj bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/15 14:34
S185	36	("2878046" | "3218383" | "3626566" | "3656221" | "3904300" | "4003667" | "4353660" | "4355543" | "4504166" | "4639159" | "4875794" | "5011321" | "5066159" | "5066160" | "5154530" | "5188477" | "5284398" | "5286131" | "5395176" | "5464296" | "5496125" | "5551791" | "5564853" | "5597258" | "5655848" | "5672023" | "5772337" | "5772352").PN. OR ("6010271").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/15 14:35
S186	152	ball adj socket and metal adj bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/15 14:45
S187	602	socket and metal adj bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/15 14:55
S188	319	ball and (socket and metal adj bearing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/15 14:55
S189	19	("2973980" | "3226141" | "3411815" | "4101228" | "4318627" | "4353660" | "4430016" | "4995755" | "5067841" | "5564853" | "5772337").PN. OR ("6042293").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/15 15:03
S190	2	("2635906").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/07/15 16:10
S191	2798	split adj bearing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/29 10:49
S192	52	S191 and ball adj joint	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/29 10:49

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